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PATENT

10 **ANTISENSE OLIGONUCLEOTIDE WHICH INHIBITS EXPRESSION OF THE
OB-RGRP PROTEIN AND METHOD FOR DETECTING COMPOUNDS WHICH
MODIFY THE INTERACTION BETWEEN PROTEINS OF THE OB-RGRP
FAMILY AND THE LEPTIN RECEPTOR**

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INSERM

25 **ABSTRACT**

30 The present application relates to antisense oligonucleotides which inhibit expression of the OB-RGRP protein and to uses thereof for preventing and/or treating leptin-related pathological conditions.
It also relates to a method for detecting compounds which modify the interaction between proteins of the OB-RGRP family and the leptin receptor. This detection
35 may be carried out by measuring the energy transfer between fusion proteins composed of these proteins and of energy-donor and -acceptor proteins.